

### Abstract of Disclosure

A snowmobile (20) having an engine (34) with an air charging system (70). The air charging system (70) is connected to an intercooler assembly (57), which includes a  
5 heat exchanger (56) mounted adjacent to an intercooler opening (48) in the track tunnel (36). A snow retention area (54) is located above the heat exchanger (56) allowing for snow/ice to be thrown from a snowmobile drive track (38) and build up on top of the heat exchanger (56), allowing the snow/ice to absorb heat from intercooler assembly (57).